



- ◆ The extinguishing system control UE-02 is used for control and monitoring of single range extinguishing systems.
- ◆ The UE-02 can be configured for a wide range of applications by setting the jumpers
- ◆ Used for HRD extinguishing systems
- ◆ Three monitored sensor lines are available.
  - Two monitored independent sensor lines with memory, one monitored sensor line for equipment monitoring with memory
- ◆ Connection of all sensors from Brandtronik GmbH and numerous other brands in two-and four-wire technology
- ◆ Two monitored outputs for warning and extinguishing
- ◆ **Relay outputs for:** Fault, alarm and system off

**Technical data:**

Single range extinguishing system UE-02			
<b>Operating voltage</b>	230 V~	<b>Output warning:</b>	
<b>Operating current</b>	approx. 55mA	Monitoring current	5 mA
		Operating current	< 1A
<b>Power supply 24 VDC, Load:</b>		Short circuit range	0Ω...22Ω
1A	max. 10 min.	Operating range	25Ω...1,5kΩ
0.5A	max. 2 h	Open circuit range	> 2,5kΩ
0.25A	unrestricted		
		<b>Extinguisher output:</b>	
<b>Rechargeable battery:</b>		Monitoring current	5 mA
installed	24V/0.8Ah	Operating current	1A (2A for 2 min.)
external	max. 24V/10Ah	Short circuit range	0Ω...22Ω
Undervoltage shutoff	< 21V	Operating range	25Ω...1,5kΩ
		Open circuit range	> 2,5kΩ
<b>Dimensions</b>	230 x 185 x 120 mm		
<b>Weight with rechargeable battery</b>	2.3kg	<b>Extinguishing time L1/L2</b>	30s / unrestricted
<b>Temperature range</b>	0...+40°C	<b>Extinguisher delay L1/L2</b>	5 s / 10 s
<b>Housing safety class</b>	IP65	<b>Short circuit monitoring</b>	can be switched off
<b>Relay outputs:</b>		<b>Special features:</b>	
Fault, potential-free changeover contact	1x 30 V=/0,5 A	- Reaction time of the activation of the sensor line until the activation of the extinguishing system switchable 4 ms / 100 ms - External connection for system shutdown - Delay of the fault indicator with power failure approx. 12s - Delay of the fault indicator with rechargeable battery failure approx. 100s - Status indicator of the central system via LED on the front plate - Control elements on the front plate: Isolator switch, Reset	
Alarm, potential-free changeover contact:	1x 30 V=/0,5 A		
contact	1x 30 V=/0,5 A		
<b>Alarm line L1, L2, L3:</b>			
Line voltage	24 VDC		
Line terminal resistor	4k7		
Sensor current	< 2mA		
Short circuit range	0Ω...120Ω		
Alarm range	180Ω...900Ω		
Operating range	1,5kΩ...7kΩ		
Open circuit range	> 10kΩ		
<b>Reaction time</b>	4 ms / 100 ms		